

**Notice of Allowability**

Application No.

09/833,489

Examiner

Duc C Ho

Applicant(s)

TORDERA ET AL.

Art Unit

2665

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed 8-14-04.
2. ☒ The allowed claim(s) is/are 1,4-12, 39, 51, 13-15, 18-24, 52, 25, 40, 26, 29-38, 41, 53, 42, 45-50, and 54. Renumbered 1-46, respectively.
3. ☒ The drawings filed on 12 April 2001 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☐ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☒ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

**Detailed Action**

**EXAMINER 'S AMENDMENT**

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with John L. Rogitz on 12-17-04.

The application has been amended as follows:

In the claims:

Claims 2, 16, 17, 27, 28, 43, and 44 have been canceled.

Claim 1, line 7, after "engaged", insert ---, wherein the wireless transceiver operates in a frequency range of between two thousand three hundred million Hertz and two thousand three hundred ten million Hertz (2300 mhz-2310mhz), inclusive ---.

Claim 13, line 10, after "formats", insert ---, and  
a wireless IP transceiver electrically connected to the antenna, wherein the wireless transceiver operates in a frequency range of between two thousand three hundred million Hertz and two thousand three hundred ten million Hertz (2300 mhz-2310mhz), inclusive ---.

Claim 18, line 1, "claim 16" has been changed to --- claim 13 ---.

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Claim 26, line 9, after "terminal", insert --- wherein the first communication interface means is at least one PCMCIA card, the second communication interface means is at least one universal serial bus (USB) connector, and the wireless transmitting means is at least one wireless Internet packet (IP) transceiver, and wherein the wireless transceiver operates in a frequency range of between two thousand three hundred million Hertz and two thousand three hundred ten million Hertz (2300 mhz-2310mhz), inclusive ---.

Claim 29, line 1, "claim 27" has been changed to --- claim 26 ---.

Claim 42, line 8, after "component", insert --- , wherein the logic device in combination with a communication device embodying the first and second computer interface components and a wireless IP transceiver, and wherein the wireless transceiver operates in a frequency range of between two thousand three hundred million Hertz and two thousand three hundred ten million Hertz (2300 mhz-2310mhz), inclusive ---.

Claim 45, line 1, "claim 43" has been changed to --- claim 42 ---.

Claim 52, line 1, "claim 16" has been changed to --- claim 13 ---.

Claim 53, line 1, "claim 27" has been changed to --- claim 26 ---.

Claim 54, line 1, "claim 43" has been changed to --- claim 42 ---.

### **Reason for allowance**

2. The following is an examiner's statement of reasons for allowance:

Regarding claims 1, 4-12, 39, 51, 13-15, 18-24, 52, 25, 40, 26, 29-38, 41, 53, 42, 45-50, and 54, the prior arts fail to teach or fairly suggest a communication interface device that comprises a wireless transceiver that operates in a frequency range of between two thousand three hundred million Hertz and two thousand three hundred ten

million Hertz (2300 mhz-2310mhz), inclusive, in combination with other limitations, as specified in the independent claims 1, 13, 26, and 42.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duc Ho whose telephone number is (571) 272-3147. The examiner can normally be reached on Monday through Friday from 7:00 am to 3:30 pm.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Huy Vu, can be reached on (571) 272-3155.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (571) 272-2600.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

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5. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Patent Examiner

A handwritten signature in black ink, appearing to read "Duc Ho", with a long horizontal stroke extending to the right.

Duc Ho

12-20-04